

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

Claim 1. (Currently Amended) A plasma display panel, comprising:

a display panel for displaying a picture; and

a porous pad provided at the display panel, the porous pad including a foam agent.

Claim 2. (Original) The plasma display panel as claimed in claim 1, wherein the porous pad is made of a material that absorbs noise/vibration and conducts heat.

Claim 3. (Currently Amended) The plasma display panel as claimed in claim 1, further comprising:

a ~~printed~~ circuit board mounted with a plurality of integrated circuits for applying driving signals to the display panel; and

a heatproof panel arranged between the porous pad and the ~~printed~~ circuit board.

Claim 4. (Original) The plasma display panel as claimed in claim 1, further comprising:

a double-faced tape having a heat-conducting function and provided between the display panel and the porous pad.

Claim 5. (Currently Amended) The plasma display panel as claimed in claim 3, further comprising:

a filter glass provided at the front side of the display panel to control transmittivity of light emitted from the display panel; and

a back cover for covering the ~~printed~~ circuit board.

Claim 6. (Currently Amended) The plasma display panel as claimed in claim 5, further comprising:

a second porous pad provided between the ~~printed~~ circuit board and the back cover.

Claim 7. (Currently Amended) The plasma display panel as claimed in claim 1, wherein the porous pad further comprises a ~~is formed from a mixture of a silicon material and a foam agent.~~

Claim 8. (Original) The plasma display panel as claimed in claim 7, wherein the foam agent contains an urethane foam.

Claim 9. (Original) The plasma display panel as claimed in claim 7, further comprising:

an adhesive coated onto the porous pad.

Claim 10. (Original) The plasma display panel as claimed in claim 9, wherein the adhesive is made from an acrylic material.

Claim 11. (Original) The plasma display panel as claimed in claim 9, wherein the porous pad is formed from a mixture containing approximately 89% silicon, approximately 10% foam agent and approximately 1% adhesive.

Claim 12. (Original) The plasma display panel as claimed in claim 6, wherein the second porous pad is made of a material that absorbs noise/vibration.

Claim 13. (Currently Amended) A plasma display panel comprising:

- a display panel for displaying a picture;
- a frame adjacent a rear surface of said display panel;
- a ~~printed~~ circuit board adjacent a rear surface of said frame and connected thereto by fastening elements; and
- a porous pad positioned between said display panel and said frame, said porous pad ~~absorbing noise/vibration generated upon driving of said display panel to minimize noise/vibration transferred to said frame~~ including a foam agent.

Claim 14. (Original) The plasma display panel as set forth in claim 13, wherein said porous pad is made of a heat-conducting material that, in addition to absorbing noise/vibration, also enables said pad to transfer heat from said display panel to said frame.

Claim 15. (Original) The plasma display panel as set forth in claim 14, wherein said porous pad is made of a mixture of silicon and urethane.

Claim 16. (Original) The plasma display panel as set forth in claim 15, wherein said porous pad has an outer adhesive layer and is adhered to said display panel and to said frame by said layer.

Claim 17. (Original) The plasma display panel as set forth in claim 16, wherein said porous pad is made of approximately 89% silicon, 10% foam agent, and 1% adhesive.

Claim 18. (Currently Amended) The plasma display panel as set forth in claim 17, further comprising an outer casing surrounding said plasma display panel, said outer casing having a back cover and a front cover, said back cover including a second porous pad adhered to an inner surface thereof adjacent said ~~printed~~ circuit board, said second porous pad absorbing noise/vibration generated as a result of said ~~printed~~ circuit board applying driving signals to said display panel.

Claim 19. (Currently Amended) The plasma display panel as set forth in claim 13, further comprising an outer casing surrounding said plasma display panel, said outer casing having a back cover and a front cover, said back cover including a second porous pad adhered to an inner surface thereof adjacent said ~~printed~~ circuit board, said second porous pad absorbing noise/vibration generated as a result of said ~~printed~~ circuit board applying driving signals to said display panel.

Claim 20. (Original) The plasma display panel as set forth in claim 19, wherein said porous pad is made of a mixture of silicon and urethane that, in addition to absorbing noise/vibration, also enables said pad to transfer heat from said display panel to said frame.

Claim 21. (Original) The plasma display panel as set forth in claim 20, wherein said porous pad has an outer layer of acrylic adhesive by which said pad is adhered to said display panel and to said frame, said porous pad being approximately 89% silicon, 10% foam agent, and 1% adhesive.

Claim 22 (New) A plasma display device, comprising:

- a display panel for displaying a picture;
- a frame for supporting the display panel; and
- a porous pad attached between the display panel and the frame, wherein the porous pad includes an urethane foam.

Claim 23 (New) The plasma display device as claimed in claim 22, further comprising:

- a double-sided tape for a thermal conduction between the display panel the porous pad.

Claim 24 (New) The plasma display device as claimed in claim 22, further comprising:

- a circuit board attached to the frame;
- a back cover covering the circuit board; and
- a second porous pad provided between the circuit board and the back cover.

Claim 25 (New) The plasma display device as claimed in claims 22, wherein the porous pad further includes a silicon material.

Claim 26 (New) The plasma display device as claimed in claim 25, further comprising an adhesive coating on the porous pad.

Claim 27 (New) The plasma display device as claimed in claim 26, wherein the adhesive is made from an acrylic material.

Claim 28 (New) The plasma display device as claimed in claim 25, wherein the percentage of the silicon material in the porous pad is greater than the percentage of the urethane foam in the porous pad.

Claim 29 (New) The plasma display device as claimed in claim 22, wherein the porous pad includes a plurality of micro holes therein.

Claim 30 (New) A plasma display device comprising:

- a display panel for displaying a picture;
- a frame for supporting the display panel;
- a porous pad between the display panel and the frame, the porous pad including a foam agent; and
- a double-sided tape for a thermal conduction between the display panel and the porous pad.

Claim 31 (New) The plasma display device as claimed in claim 32, wherein the porous pad includes a silicon material and a urethane foam.

Claim 32 (New) The plasma display device as claimed in claim 31, wherein the porous pad further includes an adhesive.

Claim 33 (New) The plasma display device as claimed in claim 32, wherein the adhesive is made from an acrylic material.

Claim 34 (New) A plasma display device comprising:

- a display panel for displaying a picture;

- a frame for supporting the display panel;

- a circuit board attached to the frame;

- a back cover for covering the circuit board; and

- a porous pad located between the circuit board and the back cover, the porous pad

including a foam agent.

Claim 35 (New) The plasma display device as claimed in claim 34, wherein the foam agent is an urethane foam.

Claim 36 (New) The plasma display device as claimed in claim 35, wherein the porous pad further includes a silicon material.

Claim 37 (New) The plasma display device as claimed in claim 34, wherein the porous pad further includes an adhesive.

Claim 38 (New) The plasma display device as claimed in claim 37, wherein the adhesive is made from an acrylic material.

Claim 39 (New) A plasma display device comprising:

- a display panel for displaying a picture;
- a frame for supporting the display panel;
- a porous pad between the display panel and the frame, the porous pad including an urethane foam and a silicon material, the percentage of silicon material in the porous pad being greater than the percentage of the urethane foam.

Claim 40 (New) The plasma display device as claimed in claim 39, wherein the porous pad further includes an adhesive.

Claim 41 (New) The plasma display device as claimed in claim 40, wherein the adhesive is made from an acrylic material.

Claim 42 (New) A plasma display device, comprising:

- a display panel for displaying a picture;
- a frame for supporting the display panel;
- a circuit board attached to the frame;
- a back cover for covering the circuit board; and
- a porous pad, the porous pad having a plurality of micro holes formed therein.

Claim 43 (New) The plasma display device as claimed in claim 42, further comprising:

- a filter glass installed at the front surface of the display panel.

Claim 44 (New) A plasma display device, comprising:

- a display panel for displaying a picture;
- a frame for supporting the display panel;
- a circuit board attached to the frame;
- a back cover for covering the circuit board; and
- a material between the display panel and the frame for transferring heat generated from the display panel to the frame, the material having plurality of micro holes therein.

Claim 45 (New) The plasma display device as claimed in claim 44, further comprising:

- a filter glass installed at the front surface of the display panel.